

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A heat transfer label assembly ~~comprising~~ consisting essentially of:
 - a first layer comprising paper;
 - a second layer on top of said first layer comprising a varnish or other coating;
 - a third layer on top of said second layer comprising a layer of emulsion wax or similar release coating or material;
 - and a fourth layer on top of said third layer comprising a printed ink design layer;wherein (a) all four layers are bonded together to form a transfer label assembly; (b) said varnish or other coating is cured by electron beam radiation; (c) said paper layer comprises a sheet of paper with a clay coating on one side and a basis weight of about 20 to 40 lbs. per 3,000 sq. ft., said clay coating being between said first layer and said second layer; and (d) said emulsion wax or other release material has a thickness of about 0.75 lbs. per 3,000 sq. ft..
2. (original) The heat transfer label assembly of claim 1 wherein said paper layer comprises a support portion of said label assembly.
- 3-5 (cancelled).
6. (previously presented) The heat transfer label assembly of claim 1 wherein said electron-beam curable varnish or other coating comprises a portion of a support portion of the label assembly.
7. (original) The heat transfer label assembly of claim 1 wherein said varnish or other coating comprises a layer in a thickness of approximately 0.5 to 5 lbs. per 3,000 sq. ft.

8. (previously presented) The heat transfer label assembly of claim 1 wherein said emulsion wax or other release material comprises a portion of a transfer portion of said label assembly.

9-10. (cancelled)

11. (previously presented) The heat transfer label assembly of claim 1 wherein said printed ink design layer comprises a portion of a transfer portion of said label assembly.

12. (original) The heat transfer label assembly of claim 1 wherein said first, second, third, and fourth layers are bonded together to form a transfer label assembly with both support and transfer portions.

13. (withdrawn) A process for making a heat transfer label assembly comprising: coating or otherwise applying to a clay-coated sheet of paper a layer of varnish or other material that is cured by electron beam radiation; conveying said EB-cured paper substrate through a press or other printing equipment whereby a skim coat of emulsion wax or similar release material is applied prior to application of an ink/printed design; forming a support portion and transfer portion of said heat transfer label assembly.

14. (previously presented) The heat transfer label assembly of claim 1 wherein a support portion is positioned for transfer of a transfer portion to an article upon application of heat to said support portion, while said transfer portion is placed in contact with said article.

15. (cancelled)